

Datasheet: 0220-1259

**BATCH NUMBER 158361**

<b>Description:</b>	MOUSE ANTI BOVINE ALBUMIN
<b>Specificity:</b>	ALBUMIN
<b>Other names:</b>	BSA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	BGN/D1
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/250 - 1/1000
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Bovine
<b>Species Cross Reactivity</b>	Does not react with:Rat, Goat, Mouse, Rabbit, Human, Horse
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Bovine serum albumin.

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## External Database Links

**UniProt:**  
[P02769](#)    [Related reagents](#)

**Entrez Gene:**  
[280717](#) ALB    [Related reagents](#)

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**RRID** AB\_2225926

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**Specificity** **Mouse anti Bovine serum albumin antibody, clone BGN/D1** recognizes bovine albumin, a major protein constituent of bovine serum.

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## References

1. Tajima, N. *et al.* (2011) Significance of antibody orientation unraveled: well-oriented antibodies recorded high binding affinity. [Anal Chem. 83 \(6\): 1969-76.](#)
  2. Puttharugsa, C. *et al.* (2013) A polymer surface for antibody detection by using surface plasmon resonance via immobilized antigen. [Curr. App. Physics 13: 1008-13](#)
  3. Stamatiades E. G. *et al.* (2016) Immune Monitoring of Trans-endothelial Transport by Kidney-Resident Macrophages [Cell. Jul 26 \[Epub ahead of print\]](#)
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## Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/0220-1259>  
10040

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)    [RPE](#)  
Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)  
Goat Anti Mouse IgG (STAR76...)    [RPE](#)  
Goat Anti Mouse IgG (STAR70...)    [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@550](#),  
[DyLight@650](#), [DyLight@680](#), [DyLight@800](#),  
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (STAR77...) [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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